

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DE2004/002360

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F16H1/32

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 228 698 A (WINIASZ ET AL) 21 October 1980 (1980-10-21) column 4, line 25 - line 27 figures 2-4	1,5,7,8, 10,11,13
Y A	-----	2 3,4,6,9, 12
Y	US 3 286 550 A (ROSAIN CLAUDE ET AL) 22 November 1966 (1966-11-22) figure 1	2
X	----- US 1 563 945 A (APPLE VINCENT G) 1 December 1925 (1925-12-01) page 2, line 85 - line 90 figures 1-3 ----- -/-	1,2,8,9, 11-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

15 February 2005

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23/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 077 125 A (JR. JAMES C. LOUTON, ET AL) 12 February 1963 (1963-02-12) column 1, line 62 - column 2, line 36 figure 2 -----	1,2,5,7, 12

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE2004/002360

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4228698	A	21-10-1980	NONE	
US 3286550	A	22-11-1966	FR 1329646 A GB 999326 A	14-06-1963 21-07-1965
US 1563945	A	01-12-1925	NONE	
US 3077125	A	12-02-1963	NONE	